

## PATENT ABSTRACTS OF JAPAN

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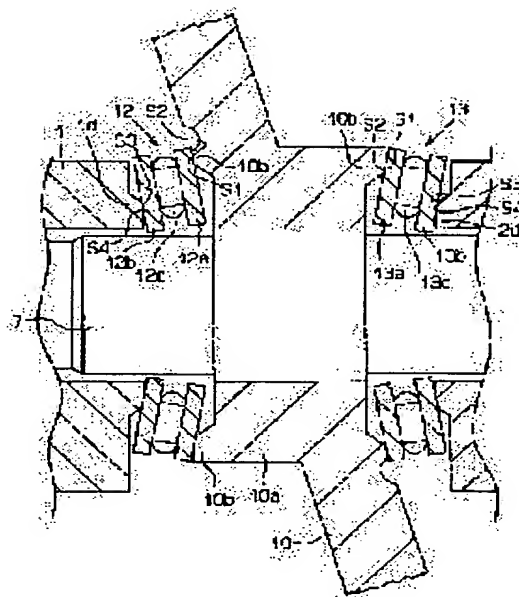
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## (54) SWASH PLATE TYPE COMPRESSOR

## (57)Abstract:

PURPOSE: To restrict vibration and noise by improving the responsibility of the spring work of a thrust bearing that supports a swash plate in the thrusting direction.

CONSTITUTION: The preload in the thrusting direction is given to the outer peripheral as well as inner circumferential thrust receiving surfaces S2, S4 of a pair of thrust races 12a, 12b, and 13b, 13b in the progressing direction forming thrust bearings 12, 13, to elastically deform and tilt the thrust bearings 12, 13. In this tilted condition. The revolving thrust receiving surface S1 in front of the boss part 10a of a swash plate 10, and the fixed thrust receiving surface S3 in the side of a cylinder block 1 are defined as tilted thrust receiving surfaces which are brought into contact with one another on the plane, in relation to the thrust receiving surfaces S2, S4 of the thrust races 12a, 12b.



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